



QY	252	AACTTTAAATTTGACCGAAATCCCGAAGCCCAAAATTCACGAGGTTTTC	CAAGAGTTGTTG	311
Db	324	AAATTTCAACCTCACGGAGATCCCGAGGCTCAGATCCATGAAGGC	TTCCAGGAACCTCCTC	383
QY	312	AGAACTTTGAATCAACCTGATTCCTCAATTCGAATTA	CTACTCGTACGGTTTATTTT	371
Db	384	CGTACCCTAAACGACCGCAGACAGCCAGCTCCAGCTGACCA	CCGCGCAATGGCCTGTTCCTC	443
QY	372	TCGTGAAGGTTTAAAATTTGGTTGCACAAATTCCTAGAA	GACGTCGAAGAACTATATCATAGT	431
Db	444	AGCGAGGGGCTGAAGCTAGTGGATAAGTTTTTGGAGGATG	TTAAAAAGTTGTACCACCTCA	503
QY	432	GAGGCTTTTACCGTTAAATTTTGGTGATCTCAGCAAGCT	TAAAAAGCAAAATTAATGATTAT	491
Db	504	GAAGCCCTTCACCTGTCAACTTTGGGGATCAGAAGAGC	CAAGAAACAGATCAACGATTAC	563
QY	492	GTGTGAAAGGCAACCCAGGTAAGATCGTTGACCTAGTT	TAAAGAAATPAGATCGTATACC	551
Db	564	GTGGAAGAGGTACTCAAGGGAATTCGTGATTTTGGT	TCAAGGAGCTTGACAGAGACACA	623
QY	552	GTCTTCGCACTAGTTAACTATATTTTTTCAAGGGT	TAAAGTGGAACTGCTTCGAGGTT	611
Db	624	GTTTTTGCTGTGTGAATTACATCTCTTTTAAAGCA	AAATGGGAGAGACCTTTTGAAGTC	683
QY	612	AAAGATACTGAAGAGGAAGATTTTCATGTTGATCAAG	TCTACTACTGTCAAAGTTCCAAGT	671
Db	684	AAGGACACCGAGGACGAGGACTTCCACGTGACCA	CGGTGACCCGTTGAAGGTCCCTATG	743
QY	672	ATGAAAGAGCTGGGTATGTTCAATATTCACATTT	GCAAAAAAATTAAGTCTCTGGGTCTTA	731
Db	744	ATGAAGGTTTAGGCATGTTTAAACATCAGCACTGT	AAGAAGCTGCCACTGGGTACTG	803
QY	732	TTAATGAAAGTATTTAGGTAACGCTACTGCTATTT	TTTTTTTTTACAGACGAAGTAAGCTT	791
Db	804	CTAATGAAATACCTGGGCAATCCCAACCCCATCT	CTCTCTTCCCTACCTGATGAGGGGAACTA	863
QY	792	CACATTTAGAAATGAGTTGACTCATGACATTA	TACTAAATTTTTTAGAGACGAGGAT	851
Db	864	CAGCACTGGAATGAATCAACCCACGATATCATCA	CAAGTTCTCTGGAAAATGAAGAC	923
QY	852	CGTCGTAGCGCTTCTCTGCACCTGCGAAAGTT	TAAGTATCACCGGTACTTACGACTTAAAA	911
Db	924	AGAAGGCTGCCAGCTTACATTTACCAAACTGT	CCCATTTACTGGAACCTATGATCTGAAG	983
QY	912	TCGTGTTTTAGGCCAGTTAGGTATTAACAAAG	TTTTTTTTTCTAACGGTCCGGAATTTGAGTGGT	971
Db	984	AGCGTCTGGGTCAACTGGGCATCAATAAGGTCT	TTCAGCAATGGGCTGACCTCTCCGGG	1043
QY	972	GTTACTGAAGAACTCCATTAATTAATTTAGTA	AAAGCTGTTTCAAAAGCCGCTTAACTATT	1031
Db	1044	GTCAAGAGGAGGACCCCTGAAAGTCTCAAGG	CCGTGCAATAGGGTGTGCTGACCAATC	1103
QY	1032	GATCAAAAGGTCACGAGGCGCGCGCTATGTT	CTCTGGAAGCTATTCCAATGAGCAATT	1091
Db	1104	GACGAGAAGGGGACTGAAGCTCTGGGCCAT	TGTTTTTAGAGGCCATACCAATGCTATC	1163
QY	1092	CCACCAAGGTTAAATTTAATAAACCATTCG	TTTTTCTGATGATCGAGACAGAACTAAA	1151
Db	1164	CCCCAGAGGTCAAGTTCACAAACCCTTTG	CTCTTCTTAATGATTGAACAAAATACCAAG	1223
QY	1152	AGGCCATTTTATGGGTAAAGTTGTCAACCA	CTCAAGTTCAGAA	1192
Db	1224	TCTCCCTCTTATGGGAAAGTGGTGAATCC	CAACCCCAAAA	1264

## RESULT 2

RESULT 2  
US-09-964-824A-545

US-09-904-824A-343  
: sequence 545. Application US/09964824A

US 20020102531A1

:; PATENT NO. US2002010...  
: GENERAL INFORMATION:

APPLICANT: Horrihan, Stephen

APPLICANT: HOLLIGAN, STEPHEN  
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu

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; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 383
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 545
; LENGTH: 1352
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(1352)
; OTHER INFORMATION: n=a,t,g or c
US-09-964-824A-545

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Query Match	28 1%	Score 429:	DB 10:	Length 1352:
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Query Match	28.1%	Score 429;	DB 10;
Best local similarity	60.2%	pred No 6	3e-99;

Best Local Similarity	60.2%;	Pred: No. 6.3e-99;	
Matches 711: Conservative		0: Mismatches 470:	Indels
		0: Gaps	0: Gaps

Qy	12	GAAGACCCCTCAAGCGGACGCGCTCAAAAAACCGACACCAAGTCATCAGGACCAAGACCAT	71
Db	92	GAGGATCCCAGGGAGATGCTGCCAGAAAGACAGATACATCCCAACCATGATCAGGATCAC	151
Qy	72	CCGACTTTTATATAAATTACTCCAAATTTAGCCGAATTTGCTTTTCTTTGTATAGACAA	131
Db	152	CCAACCTTTCAACAAGATCACCCCAACCTGGCTGAGTTCGCTTCAGCCTATACCGCCAG	211
Qy	132	TTAGCTCATCAAAAGTAATTTCTACTAACATTTTTTTTAGTCCTGTTTCTATTTGCCATGCT	191
Db	212	CTGGCACACCAAGTCCACAGCACCAATATCTCTCTCCCAAGTGCAGCATCGCTACAGCC	271
Qy	192	TTCCGCATGTTGAGTTTAGGTACTAAGCCGATACCCATGACGAGATTTTTAGAAAGTTTA	251
Db	272	TTTGCAATGCTCTCCCTGGGGACCAAGCTGACACTCAGATGAAATCTCGAGGGCCCTG	331
Qy	252	AACCTTTAATTTGACCGAAATCCCAGAAGCCCAATTCACGAGGGTTTTCAAGAGTTGTTG	311
Db	332	AATTTCAACCTCACGGAGATTTCCGGAGGCTCAGATCCATGAAGGCTTCCAGAGAACTCCTC	391
Qy	312	AGAAGCTTTGAATCAACCTGATCTCAATTGCAATTAAGTAACTACTGTAACGCTTATTTTG	371
Db	392	CGTACCCCTCAACCAAGCCAGACAGCCAGCTCCAGCTGACCACCCGCAATGGCCTTCCCTC	451
Qy	372	TCTGAAGGTTTTAAATTTGGTTGACAAATTCCTAGAAGACGCTCAAGAAACTATATCATAGT	431
Db	452	AGCGAGGGCCTGAGCTAGTGGATAGATTTTGGAGGATGTTAAAGAGTTGTACCACTCA	511
Qy	432	GAGGCTTTTACCGTTAATTTTGGTGATCTAGAGGAAGCTTAAAGACAAATTAATGATTAT	491
Db	512	GAAGCCTTCACTGTCAACTTCGGGGACACCCGAAGAGGCCAAGAAACAGATCAACAGATTAC	571
Qy	492	GTTGGAAGAGCCACCCAGGGTAAGATCGTTGACCTAGTTAAAGAAATTAAGATCGGTGATACC	551
Db	572	GTGGAGAAGGGTACTCAAGGGAATAATTGTGGATTTGGTCAAGGAGCTTGACAGAGACACA	631
Qy	552	GTCCTTCGCACCTAGTTAACTATATTTTTTCAAGGGTAAGTGGGAACCTGCTTTTCGAGGTT	611
Db	632	GTTTTTGTCTGTTGTAATTACATCTCTCTTAAAGGCAAAATGGGAGAGACCCCTTTGAAGTC	691
Qy	612	AAAGATACCTGAAGAGGAGATTTTCATGTTGATCAAGTTACTACTGTCAAGTTCCCAATG	671
Db	692	AAGGACACCGAGGAAGAGGACTCCACGTGACCAGGTGACCAACCGTGAAGGTCCTATG	751
Qy	672	ATGAAAAGACCTGGGTATGTTCAATATTCAACATTTGCAAAAAATTAAGTCTCTGGGTCCTTA	731
Db	752	ATGAAGCGTTTAGCATGCTGTTTAAACATCAGACACTGTGAAGAGCTGTGCAGCTGGGTGCTG	811

Qy	732	TTAATGAAGTATTAGGTAAAGCTACTGCTATTTTCTTTTACCAGAGAAAGTAAAGCTT	791
Db	812	CTGATGAATACCTGGGCAATCCACCGCATCTTCTTCTGCTGTAGAGGGAAACTA	871
Qy	792	CAACATTTAGAGAAATGAGTTGACTCATGACATTATTACTAAATTTTACAGAACAGAGAT	851
Db	872	CAGACCTGGAAATGAATCAACCCACGATCATCACCAAGTTCTCTGGAAATGAAGAC	931
Qy	852	CGTCGTAGCGCTTCTCTGCACCTGCCAAAGTTAAAGTATCACCGGTACTTACGACTTAAA	911
Db	932	AGAAGGCTGCCAGCTACATTTACCCAACTGCTCCATTACTGGAACCTATGATCTGAG	991
Qy	912	TCGTGTTTAGGCCAGTTAGGTATACCAAAGTTTTTCTAAGGGTCCGATTTGAGTGGT	971
Db	992	AGCGTCCTGGGTCAACTGGGCATCACTAAGTGCTTTCAGCAATGGGGTGACCTCCGGG	1051
Qy	972	GTTACTGAAGAAGCTCCATTTAAATTGAGTAAAGCTGTTACAAGCGCTCTTAACATATT	1031
Db	1052	GTACAGAGGAGCACCCCTGAAGCTCTCCAAGGCGGTGCATAGGCTGTCTGCACCATC	1111
Qy	1032	GATGAAAAGGTTACCGAGCGCGCGGTATGTTCTCTGGAAAGCTATTTCCAATGAGCATT	1091
Db	1112	GACGAAAAGGGACTGAAGCTCTGGGCGCATGTTTTTAGAGGCCATACCCATGCTCTATC	1171
Qy	1092	CCACCAGAAGCTTAAATTTAATAAACCATTCGTTTTTCTGATGTCGAGCAGCAACACTAAA	1151
Db	1172	CCCCCGAGGTCAAGTTCACAAACCCCTTGCTTCTTANTGATTGAACAANATCCCAAG	1231
Qy	1152	AGCCCATTTGTTATGGGTAAAGTTGTCAACCAACTCAGAA	1192
Db	1232	TCCTCCCTCTTCATGGGAAAAGTGGTGAATCCACCCCAAAA	1272

### RESULT 3

```

US-09-964-824A-544
; Sequence 544, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,032
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,028
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 583
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 544
; LENGTH: 1371
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1371)
; OTHER INFORMATION: n=a,t,g or c
US-09-964-824A-544

```

[illegible]

## RESULT 4

US-09-765-231A-19  
; Sequence 19, Application US/09765231A  
; Patent No. US20020119452A1  
; GENERAL INFORMATION:  
; APPLICANT: Searle/Monsanto  
; APPLICANT: Phippard, Deborah  
; APPLICANT: Vasanthakamur, Geetha  
; APPLICANT: Dotson, Stanton  
; APPLICANT: Ma, Xiao-Jun  
; TITLE OF INVENTION: Osteoarthritis tissue-derived nucleic acids, polypeptides,  
; TITLE OF INVENTION: vectors, and cells  
; FILE REFERENCE: SO-3221 PR  
; CURRENT APPLICATION NUMBER: US/09765,231A  
; CURRENT FILING DATE: 2001-01-18  
; NUMBER OF SEQ ID NOS: 82  
; SEQ ID NO 19  
; LENGTH: 1390  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-765-231A-19

Query Match 26.7%; Score 407; DB 10; Length 1390;  
Best Local Similarity 60.1%; Pred. No. 2.3e-93;  
Matches 711; Conservative 0; Mismatches 470; Indels 2; Gaps 2;  
  
QY 12 GAAGACCTCAAGCGGAGCGCTCAAAAACGACACACAGTATCATCAGACCAAGACCAT 71  
DB 107 GAGGATCCCCAGGAGATGCTGCCCAAGACAGATACATCCCAACCATGATCAGGATCAC 166  
QY 72 CCGACTTTTAAATAAATTTACCCAAATTTAGCCGAATTTTCTTTTCTTTTATAGACAA 131  
DB 167 CCACTTCAACAGATCACCCCAACCTGGCTGAGTTCGCCCTTACGCCCTATACCGCCAG 226  
QY 132 TAGGTCATCAAAAGTAATTTCTACTAACATTTTTTTTGTCTCTGTCTTATTTGCACTGCT 191  
DB 227 CTGGCACACCACTCCACAGCAGCAATATCTTCTCCCGAGTGAGCATCGGTACAGCC 286  
QY 192 TTCGCCATG-TTGAATTTAGTCTAGTAAAGCGATACCATGACGAGATTTTGAAGGTTT 250  
DB 287 TTGCAATATGCTCTCCCTGGGGGACCAAGGCTGACATCAGATGAAATCTCTGGAGGCT 346  
QY 251 AAATCTTAAATTTGACCGAAATCCAGAGGCCCAATTTACAGAGGTTTTCAGAGTTGTT 310  
DB 347 GAATTTCAACCTCAGGAGATTCGGAGGCTCAGATCCATGAAGCTTCCAGGAATCCT 406  
QY 311 GAGAACTTTGAATCAACCTGATTTCTCAATTCGAATTTACTGTTGATGATGATGATGAT 370  
DB 407 CCGTACCTCAACAGCAGCAGCAGCAGCTCCAGCTGACCAACCGCAATGGCCTGTTTCT 466  
QY 371 GTCTGAAGGTTTAAATTTGTTGACAAATTCCTAGAAGCTCAAGAACTATATATCATAG 430  
DB 467 CAGCAGGCGCTGAAGCTAGTGGATAGTTTCTGGAGATGTTTAAAGTTTGTACCACTC 526  
QY 431 TGAGGCTTTTACCGTTAAATTTTGGTGTACTGAGGAGCTTAAAGCAAAATTAATGATTA 490  
DB 527 AGAAGCTTCACTGTCACTTCGGGACACCGAAGAGGCCCAAGAAACAGATCAACGATTA 586  
QY 491 TGTTCAGAAAGCGCACCGAGGTAGATGCTGACCTAGTTTAAAGAAATAGATCCTGATAC 550  
DB 587 CGTGAGAGGCTGATCAAGGAAATTTGTGGATTTTGTCAAGGAGCTTGACAGAGACAC 646  
QY 551 GCTCTTCGCACTAGTAACTATATTTTTCAGGGTAAAGTGGGAACGCTCTTTCGAGGT 610  
DB 647 AGTTTTCCTCTGGTGAATTAATCTCTTTTAAAGGCAATGGGAGAGACCCCTTGAAGT 706  
QY 611 TAAAGATCTGAAGAGGAGATTTTCAATGTTGATCAAGTTTACTACTGTCAAGTTCCAAAT 670  
DB 707 CAAGGACACCGAGGAGAGGACTTCCAGTGGACAGGCTGACCAACCGCTGAAGGTGCTAT 766  
QY 671 GATGAAGAGACTGGGTATGTTCAATATTCACATTTGCAAAAATTAAGTTCTTGGGCTT 730

DB 767 GATGAAGCGTTTAGGCATGTTTAAACATCCAGCACCTGTAGAAAGCTGTCCAGCTGGTGCT 826  
QY 731 ATTAATGAAGTA-TTTAGGTAAAGCTACTGCTATTTTTTTTACAGAGCAAGGTAAAGC 789  
DB 827 GCTGATGAATACTCTGGGCAATGCCCGCATCTTCTTCTGCTGATGAGGGAAC 886  
QY 790 TTCAACATTTAGAGAAATGAGTTGACTCATGACATATTACTAAATTTTATAGAGAACGAGG 849  
DB 887 TACAGCACCTGGAAATGAACCTACCCAGATATCATCACCAGTTCTCTGGAAATGAAG 946  
QY 850 ATGCTGCTAGCCCTTCTCTGACCTGCCAAAGTTAAGTATACCCGTTACTTACGACTTAA 909  
DB 947 ACAGAAAGGCTGCGCAGCTTACATTTACCCAAACTGTCCATTACTGGAACCTATGATCTGA 1006  
QY 910 AATCTGTTTAGGCCAGTTAGTATTAACAAAGTTTCTTAAACGTCGCCGATTTGAGTG 969  
DB 1007 AGAGCGTCTGGGTCAACTGGGCACTACFAAGGTCTTCAAGCAATGGGTGACCTCTCCG 1066  
QY 970 GTGTTACTGAAGAAAGCTCCATTAAATTTAGTAAAGCTTTTCAACAAAGCGCTTTAACTA 1029  
DB 1067 GGGTCACAGAGGAGCACCCTCAAGCTCTCCAGGCGTGCATAAGGCTGTGTGACCA 1126  
QY 1030 TTGATGAAAGGTTACCGAGCGCGCGCTATGTTCTCTGGAAGCTATTCCTCAATGAGCA 1089  
DB 1127 TCAGCAGAGAAAGGACTGAAGCTGTGGGCGCATGTTTTTAGAGGCCATACCCATGTCTA 1186  
QY 1090 TTCCACCAAGAGTTAAATTTAATAACCAATTCGTTTTCTGATGATCGAGCAGAACTA 1149  
DB 1187 TCCCCCCCCGAGGTCAAGTTTCAACAAACCTTTGTTCTTCTTAATGATTGAACAAATACCA 1246  
QY 1150 AAAGCCATTTGTTATGGTAAAGTTTGTCAACCCCACTCAGAA 1192  
DB 1247 AGTCTCCCTCTTCATGGGAAAGTGTGTAATCCCAACCAAAA 1289

## RESULT 5

US-09-964-824A-582  
; Sequence 582, Application US/09964824A  
; Patent No. US20020102531A1  
; GENERAL INFORMATION:  
; APPLICANT: Horrigan, Stephen  
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Sign  
; TITLE OF INVENTION: Sets  
; FILE REFERENCE: 689290-73  
; CURRENT APPLICATION NUMBER: US/09/964,824A  
; CURRENT FILING DATE: 2001-09-27  
; PRIOR APPLICATION NUMBER: US/60/236,033  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,032  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US/60/236,028  
; PRIOR FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 583  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 582  
; LENGTH: 594  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-964-824A-582

Query Match 14.6%; Score 222.8; DB 10; Length 594;  
Best Local Similarity 80.7%; Pred. No. 5.1e-47;  
Matches 260; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 1197 TCCGGAAGCTTTTAAAGCGCGGTGTTTGTCCACCAAGAGTCCGCTCAATGTTTGA 1256  
DB 94 TCTGGAAGTCTTCAAGCTGGAGTCTCTCTCTTCAAAATCTGCCAGTGCCTTGA 153  
QY 1257 TACAAGAACGAGAAATGTCAATCCGACTGGCAATGTCAGGTAAGAGAGATGTTGTC 1316  
DB 154 TACAAGAAACCTGAGTGCCAGAGTGTGTCAGTGTCCAGGGAAGAGAGATGTTGTCCT 213



; CURRENT APPLICATION NUMBER: US/09/880,107  
; CURRENT FILING DATE: 2001-06-14  
; PRIOR APPLICATION NUMBER: US 60/211,379  
; PRIOR FILING DATE: 2000-06-14  
; PRIOR APPLICATION NUMBER: US 60/237,054  
; PRIOR FILING DATE: 2000-10-02  
; NUMBER OF SEQ ID NOS: 3950  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2090  
; LENGTH: 1422  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 J02943  
US-09-880-107-2090

Query Match 14.4%; Score 219.8; DB 10; Length 1422;  
Best Local Similarity 50.0%; Pred. No. 4.2e-46;  
Matches 548; Conservative 0; Mismatches 547; Indels 0; Gaps 0;  
QY 105 GAATTTGCTTTTCTTTGTATAGACAATTAGCTCATCAAAATTTCTTACTTAACATTTTT 164  
DB 168 GACTTTGCTTCCAGCTGTATTAAGCACTAGTGGCTTTGAGTCCCAAAAGAACATTTTC 227  
QY 165 TTATGCTCTTTCTTATTCGCCACTGCTTTCGCCATGTTAGTCTTAAAGCCGAT 224  
DB 228 ATCTCCCTGTGAGCATCTCCATGCTTGTGCTGCTCCCTGGGCACCTGTGGCCAC 287  
QY 225 ACCCATGAGGAGATTTTGAAGGTTTAAACTTTTAAATTTGACGAAATCCCAAGAGCCCAA 284  
DB 288 ACACGGGCCAGCTTCTCCAGGGCTGGTTCACCTCACTGAGAGTCTGAGACTGAG 347  
QY 285 ATTCACGAGGTTTCAAGAGTTGTTGAGAATTTGAATCAACCTGATCTCAATTTGCAA 344  
DB 348 ATCCACAGGGTTTCCAGCACCTGCAACCACTTTTGGCAAGTCAGACACCACTTAGAA 407  
QY 345 TTAATCTACTGTTAAGGTTTATTTTGTCTGAAGTTTAAATTTGTTGACAAATTTCTTA 404  
DB 408 ATGATCTGAGCAATGCTTGTCTTGTGAGCTGAGCTGCTGAGTCAATTTCTCA 467  
QY 405 GAAGACGTCAGAAACTATATCATAGTCAAGGCTTTTACCGTTTAAATTTGGTGATCTGAG 464  
DB 468 GCAGACATCAAGCACTACTATGAGTCAGAGCTTGGCTATCAATTTCCAGGACTGGCA 527  
QY 465 GAAGCTAAAGCAAAATTAATGATTTATTTGAGAAAGCCAGGCTGAGATCTGTTGAC 524  
DB 528 ACAGCCAGCAGACAGATCAACAGCTATGTCAAGAAATAGACACAGAGGGAATTTGTCGAC 587  
QY 525 CTAGTTAAGAAATTAAGTCTGATACCTGCTTCGCACCTAGTTAACTATATTTTTCAG 584  
DB 588 TTGTTTTCAGGGCTGGATAGCCGCACTCTGCTGCTGCTCACTATATCTTCTTCAAA 647  
QY 585 GGTAAAGTGGGAACGTCCTTTTCGAGTTTAAAGATATCTGAAGAGGAAGATTTTCATGTTGAT 644  
DB 648 GCACATGACACACACCTTTGACCTGCACAGCACCAGGAGGAGAACTTCTATGTGAC 707  
QY 645 CAAGTTACTACTGTCAAAGTTTCAATGATGAAAAGACTGGGTATGTTCAATPATTCAACAT 704  
DB 708 GAGCAAACTGTGTTGAAGTGGCCATGATGTTGAGTCGAGCACCACATCAGTTACCTTCAT 767  
QY 705 TCCAAAAATTAAGTCTTGGTCTTATTAATGAATATTTAGTAAGCTACTGCTATT 764  
DB 768 GACTCAGAGCTCCCTGCGCACTGGTGAGATGAATCACTGGGCAATGGGACTGTCTTC 827  
QY 765 TTTTATTTTACCAGAGGAAGTAAAGCTTCAACATTTTAGAATGATGTTGACTCATGACATT 824  
DB 828 TTATCTCTTCGGACAGGGAAGATGAACACAGTCATCGCTGCAGTACGAGCGGGACAG 887  
QY 825 ATTAATAAATTTTATAGAACGAGGATCGTGTAGCGCTTCTCTGCACCTGCCCAAGTTA 884  
DB 888 ATTAACAGGTGTGTCGCGAGGCTGACACAGCAGGAGGCTGACCTGTACATTTCCAAAGTC 947  
QY 885 AGTATCACCGGTACTAGCACTTAAATCTGTTTATAGCCAGTTAGGTATTACCAAGTT 944

DB 948 ACCATCTCTGGAGTCTATGACCTTGGAGATGCTGCTGGAGAAATGGCATTGCGACTTG 1007  
QY 945 TTTTCTAAACGGTCCGATTTGAGTGGTGTACTGGAAGAGCTCCATTAATAATTGAGTAA 1004  
DB 1008 TTCACCAACAGGCAAAATTTCTCAGCATCACCAGAGCCGCCAGCTGAAGTCAATCAAG 1067  
QY 1005 GCTGTTCCACAAAGCCGCTTTAACTATTGATGAAAGGGTACCGAGCCGCCGCGCTATG 1064  
DB 1068 GTGTCCTATAAGCTGTGCTGCACTCAATGAGGAGGGTGTGCACACAGCTGGCTCCACT 1127  
QY 1065 TTCTTGAAGCTATTCCAATGAGCATTTCCACAGAGATTAAATTTAATAAACCATTCGTT 1124  
DB 1128 GGGGTCAACCTTAAACCTGAGCTCCAGCCCTATCATCTTGGCTTTCAACAGCCCTTCATC 1187  
QY 1125 TTCTGTATGATCGAGCAGAACACTAAAAGCCCATTTGTTATGGTGAAGTTGTCAACCCA 1184  
DB 1188 ATCATGATCTTCAGCACTTCACTGAGCAGCCCTTTCTGCGAGGGTTATGAACCCA 1247  
QY 1185 ACTCAGAAAGATGTC 1199  
DB 1248 GTGTAAGAGACCACC 1262  
RESULT 9  
US-09-917-800A-1421  
; Sequence 1421, Application US/09917800A  
; Patent No. US20020119462A1  
; GENERAL INFORMATION:  
; APPLICANT: Mendrick, Donna  
; APPLICANT: Porter, Mark  
; APPLICANT: Johnson, Kory  
; APPLICANT: Castile, Arthur  
; APPLICANT: Elashoff, Michael  
; APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Molecular Toxicology Modeling  
; FILE REFERENCE: 44921-5038-US  
; CURRENT APPLICATION NUMBER: US/09/917,800A  
; CURRENT FILING DATE: 2001-07-31  
; PRIOR APPLICATION NUMBER: US 60/222,040  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 60/222,880  
; PRIOR FILING DATE: 2000-11-02  
; PRIOR APPLICATION NUMBER: US 60/290,029  
; PRIOR FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: US 60/290,645  
; PRIOR FILING DATE: 2001-05-15  
; PRIOR APPLICATION NUMBER: US 60/292,336  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: US 60/295,798  
; PRIOR FILING DATE: 2001-06-06  
; PRIOR APPLICATION NUMBER: US 60/297,457  
; PRIOR FILING DATE: 2001-06-13  
; PRIOR APPLICATION NUMBER: US 60/298,884  
; PRIOR FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: US 60/303,459  
; PRIOR FILING DATE: 2001-07-09  
; NUMBER OF SEQ ID NOS: 1740  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1421  
; LENGTH: 1714  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
; FEATURE:  
; OTHER INFORMATION: Genbank Accession No. US20020119462A1 M63991  
US-09-917-800A-1421  
Query Match 14.0%; Score 213.4; DB 10; Length 1714;  
Best Local Similarity 50.4%; Pred. No. 1.9e-44;  
Matches 585; Conservative 0; Mismatches 561; Indels 15; Gaps 2;  
QY 48 ACCAGTCAATCAGCAGCAACCAATCCGACTTTTAAATAAATTAATCAATTTAGCCGAA 107

Db 69 ACCTGTCATTTGGCCCCAACAAATGCCACTCTCTATAAGATGCCATCTATCAATGCTGAT 128  
Qy 108 TTTCGCTTTTCTTTGATAGCAATTTAGCTCATCAAGTAATTTCTACTAACATTTTTTTT 167  
Db 129 TTTCGCTTTGAGCTGATCGGAAGCTCTCTGTGGAGAACCCAGATTTGAACATCTTCTTC 188  
Qy 168 AGTCCCTGTTTCTATTGCCACTGTTTTCGCGCATGTTGAGTTTAGGTACTAAAGCCGATACC 227  
Db 189 TCCCTGTGAGCATATCTGCTGTTTAGCCATGCTTTCTTTGGATCTGGCTCTAGCACC 248  
Qy 228 CATGACGAGATTTTGAAGGTTTAAACTTTAAATTTGACCGAAATCCAGAACCCCAATTT 287  
Db 249 CAAACACAGATTTCTGGAGGCTTTGGGGTTTAACTTACACGACACTCTCTGTAAGAAATTA 308  
Qy 288 CAGGAGGTTTTCAGAGTTTGTGAGAACTTTGAATCAACCTGATTTCTCAATGCAATTA 347  
Db 309 CACAGGGCTTCCAGCATTTGATCTGTTTCAATGAATTTCCCAATAATGAATGGAATTTG 368  
Qy 348 ACTACTGGTAAACGGTTTATTTTGTCTGAAGGTTTAAATTTGGTTGACAAATTTCTAGAA 407  
Db 369 CAGATGGGAATCCAGTTTATTTGGGCAACAGCTGAACCACTGCAAGTTTTCGAT 428  
Qy 408 GAGCTCAAGAACTATATCATAGTGAAGGTTTTCACGTTTAAATTTTGGTGATCTAGGAA 467  
Db 429 GATGTCGAAGACCTCTATGAACCTGAAGTCTTTTCTACTGACTTCTCCCAATGTTCTGCA 488  
Qy 468 GCTAAAAAGCAATTAATGATTTATGTTGAGAAAGGCCACCGGTAAGATCGTTGACCTA 527  
Db 489 GCCCAGCATGAGATCAACAGTTATGTTGGAGAGCAACCAACCAAGGGAAATTTGAGCTTA 548  
Qy 528 GTTAAAGCAATTTAGATCGTGATCCGCTTTCGCACTAGTTAACTATATTTTTTCAAGGCT 587  
Db 549 ATTCAAGACCTCAACTGACATATCATGATTCGTGTAACATATATTCATTTCAAGGCC 608  
Qy 588 AAGTGGGAAGCTCCTTTCCGAGGTTAAAGATACCTGAAGAG---GAAGATTTTCATGTTGAT 644  
Db 609 CAGTGGGCAATCCTTTTCGTGTATTAACACAGAGAGAGTTTCCAACTTCTCAGTGGAC 668  
Qy 645 CAAGTTACTACTGTCAAAGTTCAAATGATGAAGAGACTGGGTATGTTCAATATTCACAT 704  
Db 669 AAGAGCACCACAGTACAAAGTCCCATGATGACACAGCTAGAACATATCATATTACGNG 728  
Qy 705 TGCAAAAAATTAAGTCTTGGGCTTATTAATGAAGTATTTAGTTAACGCTACTGCTATT 764  
Db 729 GATGTGAGCTGATTTGTACAGTACTTCAATGGACTATAGTGCAATGCCCTGGCACTT 788  
Qy 765 TTTTTCCTTACCAGCAAGTGAAGCTTCAACATTTAGAAATGAGTTGACTCATGACATTT 824  
Db 789 TTTGTCCTTCCGAGGAAGGGCACATGGAATGGGTGGAAGACGCCATGTCATCTAAACA 848  
Qy 825 ATTACTAAATTTTATAGAACGAGGATCGTCGTAGCGCTTCTGACACCTGCCAAGTTA 884  
Db 849 CTGAAGAAGTGGAAACCATTTATTGCAAGAAGGATGGGTGGAATTTGTTTCCAAAGTTT 908  
Qy 885 AGTATCACCGGTACTTACGACTTAAATCTGTTTATAGGCGAGTTAGGTATTTACCAAGTT 944  
Db 909 TCCATTTCTGCCACATATGACCTTGGAGTACACTTCAGNAGATGGGTATGAGGATGCC 968  
Qy 945 TTTTTCACCGGTCGATTTGAGTGGTGTGTTTACTGAAAGAGCTCCATTAATAATGAGTAA 1004  
Db 969 TTTGCTGAAAGTGTCTGACTTTCCTGGAATCACAAAAGACAATGGTCTAAAACTTTCTCTAT 1028  
Qy 1005 GCTGTTCAACAAGCCGCTTAACTATTTGATGAAGGGTACCAGGCCCGCGCGCTATG 1064  
Db 1029 GCTTTTCAAGAGGCTGTGCTACACATTTGGTGAAGGGGAAGTAAAGAGGAGCTTCTCCT 1088  
Qy 1065 TTCTCTGGAAGCTAT-----TCCAATGAGCATTTCCACCAAGGTTAAATTTAAT 1112  
Db 1089 GAAGCTGGATCTCGGATCAGCAGAGATAGTCTCTTTCACGCTGTCTATCCGATTTGGAT 1148  
Qy 1113 AAACCAATCTGTTTCTGTGATGATCGAGACAGACATAAAGGCCCATTTGTTATGGGTAAG 1172  
Db 1149 AGAACATCTTCTACTGATGATCTTTAGAGAAACGAACGAAGAAGTGTCTCTTTTATAGGAAA 1208

Qy 1173 GTTGTCAACCAACTCTAGAAG 1193  
Db 1209 GTTGTGACCAACAAAGAG 1229

## RESULT 10

US-09-880-107-2257  
; Sequence 2257, Application US/09880107  
; Patent No. US20020142981A1  
; GENERAL INFORMATION:  
; APPLICANT: Horne, Dargi T.  
; APPLICANT: Vockley, Joseph G.  
; APPLICANT: Scherf, Uwe  
; APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer  
; FILE REFERENCE: 44921-5028-WO  
; CURRENT APPLICATION NUMBER: US/09/880,107  
; CURRENT FILING DATE: 2001-06-14  
; PRIOR FILING DATE: 2001-06-14  
; PRIOR FILING DATE: 2000-06-14  
; PRIOR APPLICATION NUMBER: US 60/237,054  
; PRIOR FILING DATE: 2000-10-02  
; NUMBER OF SEQ ID NOS: 3950  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2257  
; LENGTH: 1872  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 M14091  
US-09-880-107-2257

Query Match 12.7%; Score 193; DB 10; Length 1872;  
Best Local Similarity 49.2%; Pred. No. 2,7e-39;  
Matches 576; Conservative 0; Mismatches 580; Indels 15; Gaps 2;

Qy 49 CCAGTCATCAGCAACCAAGCACCACCGACTTTTAAATAAATTTACTCCCAATTTAGCCGAAT 108  
Db 416 CTTGCCATTCATCCCAACCAATGCCACTCTCTACAAGATGTCATCCATTAATGCTGACT 475  
Qy 109 TTGCTTTTTTCTTTGATAGCAATTAGCTCATCAAGTAATTTCTACTAACATTTTTTTTA 168  
Db 476 TTGCATTCATCTGTACCGAGGTTTCACTGTGGAGACCCAGATAAGAATCTCTTTT 535  
Qy 169 GTCTGTTTCTATTGCCACTGCTTTGCCCATGTTGAGTTTAGTACTTAAGCCGATACCC 228  
Db 536 CCCCTGTGAGCATTTCTGCAGCTTTTGGTTATGCTTTCTTTGGGCGCTGCTGCAGACCC 595  
Qy 229 ATGACGAGATTTTGAAGGTTTAAATTTTGAACGAAATTTTGAACGAAATTTTGAATTC 288  
Db 596 AAAGTGAATTTGGAGACCTTTGGGTTTCAACCTCACAGACACTCCATGTTAGATATCC 655  
Qy 289 ACGAGGGTTTTCAAGAGTTGTTGAGAACTTTGAATCAACCTGATTTCTCAATTTGCAATTA 348  
Db 656 AGCATGGCTTCCAGCATCTGATCTGTTCACTGAATTTTCCAAAGAAAGAACTTGAATTC 715  
Qy 349 CTACTGGTAACGGTTTATTTTGTCTGAAGGTTTAAATTTGTTGACAAATTTCTAGNAG 408  
Db 716 AGATAGGAATGCCCTCTTCATTTGGCAAGCATCTGAAACCACTGGCAAGTTCTTGAATG 775  
Qy 409 AGTCAAGAAATATATCATAGTGAAGGCTTTTACCGTTTAAATTTTGGTGATCTGAGGAAG 468  
Db 776 ATGTCAGACCCCTCTATGAGACTGAAGCTTTTCTACCGACTTCTCCAACTTTCTCGAG 835  
Qy 469 CTAAAGAACTAATTAATGATTTATGTTGAAAGGCCACCGAGGTAAAGATCGTTGACCTAG 528  
Db 836 CCAACGAGGATTAACAGTCTATGTTGAGATGCAAAACCAAGGAAAGTTCTGGCTCTAA 895  
Qy 529 TTAAAGAAATGATGCTGATACCGCTCTTCGCACTAGTTAACTATATTTTTTCAAGGTA 588  
Db 896 TTCAAGACCTCAAGCCAAACACCACTATGCTGCTTGTAGTGAATATATTTCACTTTAAGCC 955

Qy	589	AGTGGGAAGCTGCTTTTCGAGSTAAAGATAC	TGAAGA- - -GGAAGATTTTCATGTTGATC	645
Db	956	AGTGGCAAACTCTTTTGATCCATCAAGACAGAGACAGTTC	CAGCTTCAGCTCTTAAATAGACA	1015
Qy	646	AAGTTACTACTCAAGTTTCAATGATGAAGAC	TGGGTATGTTCAATATTCACAACT	705
Db	1016	AGACCACCACTGTTCAGTGCCCATGATGCACAGATGGA	ACAATACTATCACCTAGTGG	1075
Qy	706	GCAAAAAATTAAGTCTTGGGTCTTTAATTAAGTAGTATTT	AGSTPAACGCTACTGCTATTT	765
Db	1076	ATATGGANTTGAAGTCACAGTCTTGCAATGGACTACAG	CAAGAATGCTCTGGCACTCT	1135
Qy	766	TTTTTTTACAGACGAAGTAAAGTTCAACTTTAACAATTT	TAGAAATGAGTTGACTCATGACATTA	825
Db	1136	TTGTTCTTCCAGGAGGACAGATGGAGTCAGTGAAGCTG	CGCCATGTCATCTAAACAC	1195
Qy	826	TTACTAAATTTTTAGAGAACGAGGATCGTCTGTAGCGCT	TCTCTGCACCTGCGCAAAAGTTAA	885
Db	1196	TGAAGAAGTGAACCCCTTACTACAGAAGGATGGTTGACT	TTGTTGTTCCAAAGTTTT	1255
Qy	886	GTATCACCGGTACTTACGACTTAAATCTGTTTTAGGCC	AGTTAGGTATTTACCAAGTTTT	945
Db	1256	CCATTTCTGCCACATATGACCTTTGGAGCCACACTTTT	GGAAGATGGCAATTCAGCATCGCT	1315
Qy	946	TTCTACAGCTGCCGATTTTGAAGTGGTTTACTTGAAGA	AGCTCCATTAAATTTGAGTAAAG	1005
Db	1316	ATTCTGAATAATGCTGATTTTTCTGGACTCACAGAGCA	ATGGTCTGMACTTCCAAATG	1375
Qy	1006	CTGTTCCAAAGCCGCTTAACTATTGATGAAAGGGTACC	GAGCGCGCGCGCTATGT	1065
Db	1376	CTGCCATAAGGCTGTGCTGCATTTGGTGAAGAGGAAC	TGAAGCTGCAGCTGCCCTG	1435
Qy	1066	TCCTGGAA-----GCTATTCCAATGAGCATTTCCACC	AGAAGTTAAATTTAATA	1113
Db	1436	AAGTTGAACTTTCGGATCAGCCTGAAACACTTTTCTC	ACACCCATTTATCCAAATGATA	1495
Qy	1114	AACCATTCGTTTTTCTGATGATCGAGACAACACTAAA	AGGCCCAATTTGTTATGGGTAAAG	1173
Db	1496	GATCTTTCATGTTGTTATTTGGAGAGGACACAGGAT	TCTCTCTTAGGGAAG	1555
Qy	1174	TTGTCAACCCAACTCAGAGATGTCGGGAA		1204
Db	1556	TTGTGAACCCCAAGGAAGCGTAGTTGGGAA		1586

RESULT 11

```

US-09-755-665-13
; Sequence 13, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Taillon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755, 665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 1245
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1245)
US-09-755-665-13

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Query Match	12.5%;	Score 190.8;	DB 10;	Length 1245;
Best Local Similarity	49.2%;	Pred. No. 8.3e-39;		
Matches 535;	Conservative	0;	Mismatches 547;	Indels 6; Gaps 1;
QY	105	GAATTTGGCTTTTCTTTGTATAGACAATTAAGCTCATCAAAAGTAATTCCTACTAAACATTTTT	164	
DB	160	GACTTAGGCTTTTAAGCTGCTCAAGAGCTGGCCTTTTACAACCTGGCAGAACATCTTC	219	
QY	165	TTTAGTCCCTCTTTCTATTGGCCACTGCTTCGCCATGTTGAGTTTAGTACTATAAGCCGAT	224	
DB	220	CTATCCCCCTTGAGCATCTCTACAGCTTTCTCCATGCTGTGCTGGTGGCCAGGACAGC	279	
QY	225	ACCATGACGAGATTTTAGAAGGTTTAAACTTTAAATTTGACCGAAATCCAGAGGCCAA	284	
DB	280	ACCCTGGACGAGATCAAGCAGGCGTTCAACTTCAGAAG-----ATGCCCAAAAAGAT	333	
QY	285	ATTACAGAGGTTTTCAGAGAGTTGTTGAGAACTTTTGAACCTTTGAATCAACCTGATTCCTCAATTGCCA	344	
DB	334	CTTCATGAGGCTTCCATTTACATCATCCAGAGCTGACCCAGAAGACCAGGACCTCAAA	393	
QY	345	TTAACTACTGGTAACGGTTTATTTTGTCTGAAGGTTTAAAAATTTGGTTGACAAATTCCTA	404	
DB	394	CTGAGCATTTGGACACGCTGTTTCATTGACAGAGGCTGCAGCCACACGCGTAAGTTTGTG	453	
QY	405	GAAGACGTCGAAGAACTATATCATAGTGAGGCTTTTACCCTTAATTTTGGTGATACTGAG	464	
DB	454	GAAGATGCCAAGAACTTTTACAGTGCAGAAACCATCTCTACCAACTTTTCAGAAATTTGGAA	513	
QY	465	GAAGCTAAAAGCAAAATTAATGATTATGTTTGAGAAAGCCACCGGTGAAGATCGTTGAC	524	
DB	514	ATGGCTCAGAAGCAGATCAATGACTTTATCAGTCAAAAACCCATGGGAAATTTAAACAAC	573	
QY	525	CTAGTTAAAGAATTAGATCGTGATACCGTCTTCGCACCTAGTTAACTATATTTTTCGAAG	584	
DB	574	CTGATCGAGATATAGACCCCGGCACCTGTGATGCTTCTTGCAAAATATATTTTCTTCGA	633	
QY	585	GGTAAGTGGGAACCTCCTTTCGAGGTTTAAAGATACTGAAGAGGAAGATTTTCATGTTGAT	644	
DB	634	GCCAGGTGGAACATGAGTTTGATCCAAATGTAACCTAAAGAGGAAGATTTCTTCTCGGAG	693	
QY	645	CAAGTTACTACTGTCAAAGTTCCAATGATGAAAGACTGGGTATGTTTCAATATTCAAACAT	704	
DB	694	AAAAACAGTTTCAGTCAAGGTGCCCATGATGTTCCGTAGTGGCATATACCAAGTTGGCTAT	753	
QY	705	TGCAAAAAATTAAGTCTTGTGGGTCTTAATTAAGTATTTTAGTTAAACGCTACTGCTATT	764	
DB	754	GACGATAGCTCTCTGCACCATCTTGCAAATACCTACCAGAAAAATATCACAGCCATC	813	
QY	765	TTTTTTTTACAGACGAGGTAAGCTTCAACATTTTAGAATAGTGTGACTCATGACATTT	824	
DB	814	TTCATCTTCTGATGAGGCAAGCTGAAGCACTTGGAGAGGGATTTGCAGGTGGACACT	873	
QY	825	ATTACTAAATTTTAGAGAACGAGATCGTGTAGCGCTTCTCTGCACCTGCCAAAGTTA	884	
DB	874	TTCTCCAGATGGAAAAACATTAATCTGACCGCAGGCTGCTGATACCCAGACTC	933	
QY	885	AGTATACCGGTACTTACGACTTAAATCTGTTTAGGCCAGTTAGGTATTACCAAAAGTT	944	
DB	934	CACATGACGGCACCTTCGACTGAGAGACTCTCTCTACATAGGTGTCTCCAAAATC	993	
QY	945	TTTTCTAACGGTGGCGATTTGAGTGGTGTACTGAAGAAGCTCCATTTAAATTTGAGTAAA	1004	
DB	994	TTTGAGGAACATGGTGATCTCACCAAGATGCCCTCATCGCAGCTGAAAGTGGCGAG	1053	
QY	1005	GCTGTTCAAAAGCGGTCTTAACATTTGATGAAAGGGTACCGAGCCGCCGCCCTATG	1064	
DB	1054	GCTGTGCAAAAGGCTGAGCTGAAGATGATGAGAGGGTACGGAAGGGCCGCTGGCAC	1113	
QY	1065	TTCTCTGAAGCTATTCCCAATGAGCATTTCCACAGAAAGTTTAAATTTTAAATAAACCATT	1124	
DB	1114	GGAGCACAGACTCTGCCCATGGAGACACCATCTGCTGCTCAGATAGACAAACCTTATCTG	1173	
QY	1125	TTTCTGATGATCGACGAGAACACTAAAAAGCCCAATTTTATGGGTAAGGTTGCTCAACCCA	1184	



Db 1174 CTGCTGATTTACAGCGAGAAAATACCTTCCTCGTCTCTTCTCGGAAAGATTGTTAAACCT 1233  
Qy 1185 ACTCAGAA 1192  
Db 1234 ATTGGAAA 1241

RESULT 12  
US-09-917-800A-1325  
; Sequence 1325, Application US/09917800A  
; Patent No. US20020119462A1  
; GENERAL INFORMATION:  
; APPLICANT: Mendrick, Donna  
; APPLICANT: Porter, Mark  
; APPLICANT: Johnson, Kory  
; APPLICANT: Castle, Arthur  
; APPLICANT: Elashoff, Michael  
; APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Molecular Toxicology Modeling  
; FILE REFERENCE: 4921-5038-US  
; CURRENT APPLICATION NUMBER: US/09/917,800A  
; CURRENT FILING DATE: 2001-07-31  
; PRIOR APPLICATION NUMBER: US 60/222,040  
; PRIOR FILING DATE: 2000-07-31  
; PRIOR APPLICATION NUMBER: US 60/222,880  
; PRIOR FILING DATE: 2000-11-02  
; PRIOR APPLICATION NUMBER: US 60/290,029  
; PRIOR FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: US 60/290,645  
; PRIOR FILING DATE: 2001-05-15  
; PRIOR APPLICATION NUMBER: US 60/292,336  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: US 60/295,798  
; PRIOR FILING DATE: 2001-06-06  
; PRIOR APPLICATION NUMBER: US 60/297,457  
; PRIOR FILING DATE: 2001-06-13  
; PRIOR APPLICATION NUMBER: US 60/298,884  
; PRIOR FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: US 60/303,459  
; PRIOR FILING DATE: 2001-07-09  
; NUMBER OF SEQ ID NOS: 1740  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 1325  
; LENGTH: 2051  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
; FEATURE:

OTHER INFORMATION: Genbank Accession No. US20020119462A1 D00753  
US-09-917-800A-1325

Query Match 12.0%; Score 182.6; DB 10; Length 2051;  
Best Local Similarity 50.5%; Pred. No. 1.2e-36;  
Matches 499; Conservative 0; Mismatches 484; Indels 6; Gaps 2;

Qy 103 CGAATTTGCTTTCTTTGTATAGACAATTAGCTCATCAAAAGTAACTTACTACAACTTT 162  
Db 238 CTGACTTTGCTTCAGCCCTCTACAAGAAGCTGCTTTGAGGAATCCAGATAAAATGTTG 297  
Qy 163 TTTTGTAGTCTGTTCTATGCGACCTGCTTTCGCCATGTTGAGTTAGTACTAAGCGG 222  
Db 298 TCTTCTCCCACTTAGCATCTCAGCGCTTGCGCGCTTGCGCTGCTGGAGCAAAAGGCA 357  
Qy 223 ATACCATGACGAGATTTTGAAGGTTTAAACTTTTAACTTTGACCGAAATCCCAAGGCC 282  
Db 358 ACAGATGGAAGAGATCTAGAGGTTCTCAAGTTCAATCTCAGAGACCCCTGAGACAG 417  
Qy 283 AAATTCACGAGGTTTTCAAGAGTTGTTGAGAACTTTGAATCAACCTGATTTCTCAATTGC 342  
Db 418 AAATCCACCGGCTTTTGACACCTCTCCAGAGGCTCAGCCAGCCCAAGGACGAGATAC 477  
Qy 343 AATTAATACTGTTAAGGTTTATTTTTGCTGAAGGTTTAAATTTGTTGACAAATTC 402

Db 478 AGATCAGTACAGGCAATGCCCTGTTTATGAAAAACGCTTCCAGTCTCTGGCAGAGTTCC 537  
Qy 403 TAGAAGACGTCAGAAAATATATATAGTAGGAGCTTTTACCGTTAAATTTGGTGATAC 462  
Db 538 AGGAAGGCAAGGCTCTGTACCAAGCTGAGGCTTTACACAGCTGATTTCCAGCAGTCTC 597  
Qy 463 AGGAAGCTAAAAAGCAAAATTAATGATTATGTTGAGAAAGGCAAGGCTTAAAGATCCGTTG 522  
Db 598 GTGAGGCCAAAAGCTCATCAATGACTATGTGAGTAACACAGACCCAGGGGAGATCCAG 657  
Qy 523 ACCTAGTTAAAGAATTAGATCGTATACCGTCTTTCCGCACTAGTTAACTATATTTTTTCA 582  
Db 658 GACTGATCACAAACCTAGCTAGTAAGAAGACATCCATGGTACTTGGTGAATACATCTACTTTA 717  
Qy 583 AGGTAAGTGGGAAGCTCCCTTCGAGGTTAAAGATATCTGAAGAGAGATTTTCATCTTG 642  
Db 718 AAGCAAAATGGAAGGTCCTTTTGACCCCTGGGACACATTTCCAGCTTGAGTTCTACTCTG 777  
Qy 643 ATCAAGTTACTACTGTCAAAAGTTCCAATGATGAAAGACTGGGTATGTTCAATATTCA-- 700  
Db 778 GCAAAAGGAGGCTGTGNAAGTCCCATGATGAAGCTTGAGGACCTCACCACACCCCTACG 837  
Qy 701 -ACATTGCAAAAAATTAAGTTCTTTGGGTCTTTTAAATGAAGTATTTAGGTAACGCTACTG 759  
Db 838 TCCGGATGAGGAGCTGAACCTGCACCTGTTGTGGAGCTGAAGTACACAGGAAATGCCAGCG 897  
Qy 760 CTATTTTTTTTTTACCAGCAAGGTAAGCTTCAACATTTAGAGAATGAGTTGACTCATG 819  
Db 898 CCCTGTTTATCCTCCCTGACAGGGCAAGATGCAGAGGTGGGAAGCAGCTTGCACACG 957  
Qy 820 ACATTATTACTAAATTTTGTAG--GAACGAGGATCGTCTGAGCGCTTCTCTGCACCTGC 876  
Db 958 AGACCTGAGGAGATGGNAGACTCTCTCAGGCCACGATGATAGTAGCTCTACCTGC 1017  
Qy 877 CAAAGTTAAGTATCACCGGTACTTACGACTTAAATCTGTTTGGCCAGGTTAGGTATTA 936  
Db 1018 CCAAGTTCTCCATCTCTGCTGACTACAACTTGGAGGACCTCTTCCAGAGCTGGGCATCA 1077  
Qy 937 CCAAGTTTCTTAAAGGTCGATTTGAGTGGTGTGTTACTGAAAGAGCTCCATTTAAAT 996  
Db 1078 AAGAGTCTTCTCCACAGGCTGACCTGCTGGGATCACAGGGGTAAGGACCTGATGG 1137  
Qy 997 TGAGTAAAGCTGTTTCAAAAGCCGCTTAACTATTGATGAAAGGTTACCGAGGCCCG 1056  
Db 1138 TCTCTCAGGTGTCACAAAGCTGTTCTGGATGTGGTGAGACAGCAGCAGAACGAGCG 1197  
Qy 1057 CGCTATGTTCTCGAAGCTATTCCAATG 1085  
Db 1198 CTGCCACAGGGTCAAAATTTGTTCCAATG 1226

RESULT 13  
US-09-960-352-12287  
; Sequence 12287, Application US/09960352  
; Patent No. US20020137139A1  
; GENERAL INFORMATION:  
; APPLICANT: Warren, Wesley C.  
; APPLICANT: Tao, Mengbing  
; APPLICANT: Byatt, John C.  
; APPLICANT: Mathialagan, Nagappan  
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND  
; FILE REFERENCE: 16511.006/37-21(10298)C  
; CURRENT APPLICATION NUMBER: US/09/960,352  
; CURRENT FILING DATE: 2001-09-24  
; NUMBER OF SEQ ID NOS: 15112  
; SEQ ID NO 12287  
; LENGTH: 391  
; TYPE: DNA  
; ORGANISM: Bos taurus  
; OTHER INFORMATION: Clone ID: 52-LIB34-079-Q1-E1-E8  
US-09-960-352-12287



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Search completed: December 6, 2002, 23:36:50  
Job time : 60.5 secs

